

Kindly amend the subject application as follows. Attached with this response are the amended and new claims in a marked-up version, and a clear set of claims as presented.

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In The Claims

99. (twice amended) A method for providing a coating on a non-fibrous substrate surface comprising: (a) providing a metathesis catalyst at the substrate surface; and subsequently (b) contacting said catalyst on the substrate surface with a coating by printing, spraying, dipping, brushing, wiping, or roll coating of a material that undergoes a metathesis reaction, and (c) forming a coating on said substrate surface from the product of said metathesis reaction.

104. (twice amended) A method for providing a coating on the outermost portion of a non-fibrous substrate, said coating is uniform, conforming to the outermost surface of said substrate, said method comprising:
(a) providing a metathesis catalyst at the substrate surface; and subsequently (b) contacting the catalyst on the substrate surface with a material that undergoes a metathesis reaction to form a coating of the product of said metathesis reaction on said substrate.

Please add the following claims:

151. The method according to claim 99 wherein said non-fibrous substrate comprises an elastomeric material.

152. The method according to claim 151 wherein the elastomeric material is a thermoplastic elastomer.

153. The method according to claim 99 wherein the non-fibrous substrate comprises a metallic material.

154. The method according to claim 153 wherein metallic material comprises a material selected the group consisting of iron, stainless steel, electrogalvanized steel, lead, aluminum, copper, brass, bronze, MONEL metal alloy, nickel, zinc, tin, gold, silver, platinum, and palladium.

155. The method according to claim 154 wherein the metallic material comprises steel.

156. The method according to claim 151 wherein the elastomeric material comprises a material selected from the group consisting of natural rubber, polychloroprene, polybutadiene, polyisoprene, styrene-butadiene copolymer rubber, acrylonitrile-butadiene copolymer rubber, ethylene-propylene copolymer rubber, ethylene-propylene-diene terpolymer rubber, butyl rubber, brominated butyl rubber, alkylated chlorosulfonated polyethylene rubber, hydrogenated nitrile rubber, silicone rubber, fluorosilicone rubber, poly(n-butyl acrylate), and mixtures thereof.

157. The method according to claim 99 wherein said non-fibrous substrate is selected from the group consisting of fiber-reinforced composite, a sheet molding compound, a fiber-reinforced elastomer composite and a fiber-reinforced prepreg.

158. The method according to claim 153 wherein the metallic material is previously treated prior to coating by a method selected from the group consisting of degreasing, grit-blasting, converting, phosphatizing, electrodepositing, and autodepositing.

159. The method according to claim 99 wherein said non-fibrous substrate is a machined part made from metal and elastomer.

160. The method according to claim 99 wherein said non-fibrous substrate is an article made from a material selected from the group consisting of thermoplastic, thermoset, sheet metal, coil metal, fiberglass, wood, paper, ceramics, and glass.

161. The method of claim 160 wherein said non-fibrous substrate comprises a material selected from the group consisting of low-density polyethylene, linear low-density polyethylene, medium density polyethylene, high-density polyethylene, polypropylene, and propylene-ethylene random copolymer, and propylene-ethylene block copolymers.

162. The method according to claim 104 wherein said non-fibrous substrate comprises an elastomeric material.

163. The method according to claim 162 wherein the elastomeric material is a thermoplastic elastomer.

164. The method according to claim 104 wherein the non-fibrous substrate comprises a metallic material.

165. The method according to claim 164 wherein metallic material comprises a material selected the group consisting of iron, stainless steel, electrogalvanized steel, lead, aluminum, copper, brass, bronze, MONEL metal alloy, nickel, zinc, tin, gold, silver, platinum, and palladium.

166. The method according to claim 165 wherein the metallic material comprises steel.

167. The method according to claim 162 wherein the elastomeric material comprises a material selected from the group consisting of natural rubber, polychloroprene, polybutadiene, polyisoprene, styrene-butadiene copolymer

rubber, acrylonitrile-butadiene copolymer rubber, ethylene-propylene copolymer rubber, ethylene-propylene-diene terpolymer rubber, butyl rubber, brominated butyl rubber, alkylated chlorosulfonated polyethylene rubber, hydrogenated nitrile rubber, silicone rubber, fluorosilicone rubber, poly(n-butyl acrylate), and mixtures thereof.

168. The method according to claim 104 wherein said non-fibrous substrate is selected from the group consisting of fiber-reinforced composite, a sheet molding compound, a fiber-reinforced elastomer composite and a fiber-reinforced prepreg.

169. The method according to claim 164 wherein the metallic material is previously treated prior to coating by a method selected from the group consisting of degreasing, grit-blasting, converting, phosphatizing, electrodepositing, and autodepositing.

170. The method according to claim 104 wherein said non-fibrous substrate is a machined part made from metal and elastomer.

171. The method according to claim 104 wherein said non-fibrous substrate is an article made from a material selected from the group consisting of thermoplastic, thermoset, sheet metal, coil metal, fiberglass, wood, paper, ceramics, and glass.

172. The method of claim 160 wherein said non-fibrous substrate is an article comprising a thermoplastic material selected from the group consisting of low-density polyethylene, linear low-density polyethylene, medium density polyethylene, high-density polyethylene, polypropylene, and propylene-ethylene random copolymer, and propylene-ethylene block copolymers.